

0.6/1 kV FRC/XLPE/LSHF

IEC 60502 (1 CORE)



Construction :

1. Conductor : Concentric stranded or compact stranded annealed copper wires
2. Fire Barrier tape : Mica tape
3. Insulation : Cross-linked polyethylene (XLPE) Natural color
4. Sheath : Low smoke halogen free thermoplastic compound (LSHF) Orange color

Application :

The cables are specially designed to maintain circuit integrity under stringent fire conditions for the following uses :

- Fire Fighting Pump Circuit
- Fire Alarm System
- Emergency Power Supply
- Exit Lighting Control

Nominal cross-sectional area sq.mm	Conductor		Thickness of Insulation (Nominal) mm	Thickness of Sheath (Nominal) mm	Overall diameter (Approx.) mm	Maximum conductor resistance (at 20°C) Ohm/km	Current rating in air A	Cable weight (Approx.) kg/km	Standard Length m
	Strands	Diameter (Approx.) mm							
1.5	7/0.52	1.56	0.7	1.4	7.0	12.1	27	60	500/D
2.5	7/0.67	2.01	0.7	1.4	7.5	7.41	36	70	500/D
4	7/0.85	2.55	0.7	1.4	8.0	4.61	48	90	500/D
6	7/1.04	3.12	0.7	1.4	8.5	3.08	61	110	500/D
10	6	3.72	0.7	1.4	9.5	1.83	82	160	500/D
16	6	4.69	0.7	1.4	10.0	1.15	110	220	500/D
25	6	5.90	0.9	1.4	12.0	0.727	145	330	500/D
35	6	6.95	0.9	1.4	13.0	0.524	180	430	500/D
50	6	8.33	1.0	1.4	14.5	0.387	220	570	500/D
70	12	9.73	1.1	1.4	16.0	0.268	280	780	500/D
95	15	11.43	1.1	1.5	18.0	0.193	345	1060	500/D
120	18	12.95	1.2	1.5	20.0	0.153	400	1320	500/D
150	18	14.27	1.4	1.6	22.0	0.124	460	1620	500/D
185	30	15.98	1.6	1.6	24.0	0.0991	530	2010	500/D
240	34	18.47	1.7	1.7	27.0	0.0754	630	2620	500/D
300	34	20.68	1.8	1.8	29.5	0.0601	725	3250	500/D
400	53	23.39	2.0	1.9	33.0	0.0470	840	4130	500/D
500	53	26.67	2.2	2.0	37.0	0.0366	1000	5280	500/D
630	53	30.22	2.4	2.2	41.5	0.0283	1170	6800	400/D
800	53	34.00	2.6	2.3	46.0	0.0221	1340	8640	400/D